

Appendix 21

レベル3再訓練用シラバス Level 3 Additional Training Syllabus

Subject 訓練内容	Duration [Hours] 訓練内容別必要訓練時間(h)		Detail 訓練内容詳細
	Classroom 講義	Practical 実習	
General Knowledge 一般知識	1.50	0.00	Common NDT methods (PT, MT, ET, UT and RT), Material technology, Metallurgical Qualification and Certification in accordance with NAS410. NDT手法(浸透探傷、磁気探傷、渦電流探傷、超音波探傷および放射線)、材料工学、冶金、およびNAS410に従った認証制度
Specific Knowledge 専門知識	1.50	0.00	ASTM E1444/E1444M or ASTM E1417/E1417M or AMS-STD-2154/AMS-STD-2580 ・Process Control Parameter ・Calibration ・System Performance Test ・処理管理パラメータ ・校正 ・システムパフォーマンステスト
Practical 実技	0.50	0.50	Procedure writing each contents ・Scope (NDT method and techniques, material or component, test area) ・Document Control (revision, authorize, approve) ・Reference Document (ASTM, AMS, NAS) ・NDT Personnel NDT (Qualification and Certification program, vision test) ・Safety and Health ・Equipment and Consumables (system check, calibration frequency, measuring tool, viewing aids, materials, test piece) ・Test sample (surface condition, type of material, size inspection area) ・Detailed instructions for application of test (method and technique to be used, set up parameter, instruction summary, characterization of discontinuities) ・Acceptance Criteria (standard number, minimum size, type of discontinuities, class) ・Post-test procedure (disposition of non-conformance, protection, post cleaning) ・Production of the test report (Essential data for report (referenced document number, test result, inspector name, equipment data, location of defect)

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	Classroom 講義	Practical 実習	
			要領書作成の各項目 ・範囲 ・文書管理 ・関連文書 ・NDT従事者 ・安全衛生 ・設備および使用探傷剤 ・テストサンプル ・詳細検査手順 ・判定基準 ・検査後の手順 ・検査成績書の作成
Total 計	3.50	0.50	4.00